

# Price List

Code	Description	Cost per Sample (\$) *^		
		LSU	Research Community	Industry
<b><u>Water</u></b>	<b>Analysis Requested</b>			
W-01	Lab Fee (preparation by client using WBAS supplies and materials)^*	1.00	1.50	3.00
W-02	Filter Samples for Nutrients, Chlorophyll, Metals, DOC/DIC analysis, Etc.	5.00	8.00	10.00
W-03	NO2	5.25	7.00	12.00
W-04	(NO2 + NO3)	5.25	7.00	12.00
W-05	NO3 Only ( NO2+NO3)-NO2	6.00	8.00	13.71
W-06	NH4	5.25	7.00	12.00
W-07	SiO4	5.25	7.00	12.00
W-08	PO4	5.25	7.00	12.00
W-09	Total N and Total P (Persulfate digestion and analysis)	16.00	21.00	40.00
W-10	Total Carbon (Shimazu TOC-V analyzer)	10.00	13.50	22.85
W-11	Total Nitrogen (Shimazu TOC analyzer w/ TMN-1 unit )	10.00	13.50	22.85
W-12	Carbon (organic or Inorganic)	10.00	13.50	22.85
W-13	Carbon (organic or Inorganic) Plus Total Nitrogen	15.00	20.00	34.28
W-14	Carbon ( TC, IC, and TOC)	12.00	15.50	30.00
W-15	TKN (digestion and analysis)	8.00	10.50	20.00
W-16	Total Suspended Solids (TSS, will use aliquot from original sample)	10.00	14.00	25.00
W-17	Total Suspended Solids (TSS) and Total Volatile Solids (TVS)	13.00	18.00	32.50
W-18	Suspended Sediment Concentrations (SSC, will filter entire sample)	20.00	28.00	50.00
W-19	Suspended Sediment Concentrations (SSC) Total Volatile Solids (TVS)	25.00	35.00	62.50
W-20	Mercury Analysis (water samples)	50.00	70.00	100.00
W-21	pH - water samples	3.00	4.20	7.50
W-22	Electrical Conductivity - water samples	3.50	5.00	9.00
W-23	Alkalinity (Titrimetric to pH 4.5)	8.00	11.00	20.00
W-24	Digestion of liquid samples	5.00	7.00	12.50
W-25	Sulfate Determination (IC analysis)	9.00	13.00	22.50
W-26	Inorganic Carbon (Triplicate Analysis per samples)	30.00	35.00	40.00
<b><u>Metals</u></b>	<b>ICP-OES Spectrophotometer Varian-MPX</b>			
M-01	Set-up Fee Per set of samples	20.00	20.00	20.00
M-02	Special Samples less than 5 ml total volume (1.5 ml minimum)	15.00	21.00	37.50
M-03	ICP Analysis - Any 10 metals (Extra for unfiltered samples. See W02)	7.00	10.00	14.00
M-04	ICP Analysis - Any additional metal after 10	0.25	0.35	0.5
M-05	Priority Samples Analysis - Any 10 metals	25.00	35.00	55.00
M-06	Sample Digestion (NHO3, H2SO4 or HCL)	10.00	14.00	20.00
M-07	Dilution and Re-analysis (will consult client)	2.00	2.50	4.00
Note	For ICP analysis, samples must be filtered. Rate W-2 will apply for unfiltered samples			
<b><u>Chlorophyll</u></b>	<b>Waters and Sediments</b>			
CHL-01	Chlorophyll a - filter samples	7.00	10.00	14.00
CHL-02	Chlorophyll a - sediment samples	10.00	14.00	20.00
CHL-03	Lab Fee (preparation by client using WBAS materials and equipment)	1.00	2.00	3.00
		5.00	8.00	10.00
NOTE:	Filtration extra: see W02			

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<b><u>Isotopes</u> C/N/Cs isotopes</b>				
MS-03	N and C - gas samples (analysis only)	9.50	13.50	14.00
MS-01	15N and 13C - solid samples (analysis only)	10.00	14.00	20.00
MS-02	15N and 13C - solid samples (preparation and analysis)	14.00	20.00	28.00
MS-05	N2/Ar ratio analysis in water (per sample)	12.00	17.00	25.00
MS-06	Lab Fee (preparation by client using WBAS materials and equipment)	1.00	2.00	3.00
<b><u>Isotopes</u> Gamma Spectrometry (price per sample)</b>				
GS-1	Low precision (24 hour counting)	30	40	50
GS-2	Medium precision (48 hour counting)	60	80	100
GS-3	High precision (72 hour counting)	90	120	140
<b><u>Soils and Sediment and Plant Material</u></b>				
S-01	Lab Fee (preparation by client using WBAS materials and consumables)	0.25	0.35	1.00
S-02	Ball Mill Grinder (used by client) per 50 samples	5.00	7.00	12.50
S-03	Grinding ( soils and sediments)	3.50	5.25	10.00
S-04	Grinding, Ball Mill (Plant material)	4.00	6.00	10.00
S-05	Bulk Density and % Moisture (drying, weighing, and calculation)	4.00	6.00	10.00
S-06	Homogenization of wet sample (less than 200 gm)	1.00	1.50	2.00
S-07	Homogenization of wet sample (> 200 gm)	3.00	4.00	6.00
S-08	Total C and total N (prepared by client)	5.00	7.00	12.50
S-09	Total C and total N (prepared by WBAS)	9.00	12.00	22.50
S-10	Total Organic Carbon (Analysis Only)	6.00	8.50	15.00
S-11	Total Organic Carbon (includes fumigation, repacking and analysis)	12.00	17.00	30.00
S-12	Particulate Carbon and Nitrogen (Samples on Filters) prepared by Client	9.00	13.00	22.50
S-13	Particulate Carbon and Nitrogen (Samples on Filters) prepared by WBAS	13	19.00	32.50
S-14	Total Phosphorus (includes Ashing, HCl Extraction, and analysis)	14.00	20.00	35.00
S-15	Total Phosphorus analysis only on Auto Analyzer see W-08			
S-16	Total Phosphorus Digestion - Bray 1 or Bray 2	10.00	14.00	20.00
S-17	2M KCl Extraction	10.00	14.00	20.00
S-18	Routine hot NHO3, HCl, or H2SO4 acid digestion	10.00	14.00	20.00
S-19	TKN Digestion	10.00	14.00	20.00
S-20	Sequential PO4 (Extraction and Analysis)	500.00	650.00	760.00
S-21	Laser grain size analysis for sediments	20.00	28.00	20.00
S-22	Laser grain size analysis for sediments (Organic treatment w/H2O2)	39.00	50.00	39.00
S-23	Bulk package-1 ( Bulk Density and Percent Moisture) must be >250 samples	4.00	4.00	20.00
S-24	Bulk package-2 (Grinding soils, LOI) Must be >250 samples	8.50	11.00	21.25
S-25	Bulk package-3 (Grinding soils, LOI, TP) Must be > 250 samples	22.50	28.00	56.25
S-26	Bulk package-4 (Total carbon/Total Nitrogen) Must be > 250	9.00	11.00	22.50
S-27	Ash Determination	4.00	6.00	11.00
S-28	Loss on Ignition	5.00	7.50	15.00
S-29	pH - soil samples	4.00	6.00	7.50
S-30	Electrical Conductivity - soils and sediments samples	4.50	6.75	10.00
S-31	Aboveground biomass Sorting (live and dead) per sample per species	5.00	7.00	10.00
S-32	Belowground biomass Sorting (live and dead) per sample per species	12.00	17.00	24.00
S-33	Dry plant (aboveground) Biomass Weighing	4.00	6.00	8.00
S-34	Dry Root (belowground) biomass Weighing	4.00	6.00	8.00
S-35	Measurement of Stem length, Diameter and Density ( Per Species bag)	3.00	5.00	6.00
S-36	Microbial Biomass Chloroform Fumigation	2.00	3.00	4.00
S-37	Furnace use - per hour	1.00	2.00	4.00

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<b><u>Sample Prepration</u></b>				
SP-01	Lab Fee (preparation by client using WBAS materials and consumables)	1	1	2
SP-02	<i>Bottles and Vials Preparation for ready to use (each):</i>	1.5	2	4
SP-03	Sample freezer storage and monitoring (1/4 freezer space per month)	26	30	50
SP-04	Sample filtration for nutrient and chlorophyll analysis	6	7	10
SP-05	Plant rinsing and sorting (live only)	3	4	6
SP-06	Centrifuge use per spin (each spin can handle up to 12 samples)	6	5	10
SP-07	Temperature Controlled Incubations per week (one week min.)	20	30	40
	WBAS will, for a fee, purchase and prepare bottles and vials for projects, experiments and sampling trips. Bottles and vials preparation includes acid leaching, rinsing and drying. Requires a 15 day advance notice and is dependent upon material availability and delivery.			
<b><u>Water Monitoring</u></b>				
	<b><u>U-10 Multiparameter</u></b>			
WM-01	Price per day (no labor)	30		60
WM-02	Price per day per technician (Add an additional )	250		350
WM-03				
	<b><u>TROLL 9500 Water Quality Monitor- Cli</u></b>			
WM-04	Price per day (no labor)	30		60
WM-05	Price per day per technician (Add an additional )	250		350
	<b><u>SEACAT 19 plus CTD-CLi</u></b>			
WM-06	Price per day (no labor)	50		100
WM-07	Price per day per technician (Add an additional )	250		350
	<b><u>Workhorse 1200 KHz ADCP- Cli</u></b>			
WM-08	Price per day (no labor)	50		100
WM-09	Price per day per technician (Add an additional )	250		350
	<b><u>ADCP -CLi</u></b>			
WM-10	Price per day (no labor)	30		60
WM-11	Price per day per technician (Add an additional )	250		350
	<b><u>HADCP -CLi</u></b>			
WM-12	Price per day (no labor)	30		60
WM-13	Price per day per technician (Add an additional )	250		350
	<b><u>Tide Gauge YSI LS- CLi</u></b>			
WM-14	Price per day (no labor)	30		60
WM-15	Price per day per technician (Add an additional )	250		350

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